

## Certificate of Analysis

Date of Testing: 2025-07-28 15:56:33

Date of Next Testing: 2027-07-18 15:56:33

Product Name: **1-Heptyne**

CAS Number: 628-71-7

Specifications & Purity:  $\geq 97\%$

Lot #: J2325359

SKU #: **H100842**

Version: **1**

Analysis #: **546091**

| Parameter                           | Limit Values                           | Result                                 |
|-------------------------------------|----------------------------------------|----------------------------------------|
| Purity(GC)                          | 97-100 (%)                             | 99.87 %                                |
| Refractive index n <sub>20</sub> /D | 1.407-1.41                             | 1.41                                   |
| Density (20°C)                      | 0.733-0.74                             | 0.74                                   |
| Appearance (H100842)                | Colorless to Light yellow clear liquid | Colorless to Light yellow clear liquid |
| Proton NMR spectrum                 | Conforms to Structure                  | Conforms to Structure                  |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager